

REMARKS

The Examiner's thorough review of the instant application is noted with appreciation.

Reconsideration of the present application in view of the foregoing Amendment and the following remarks is respectfully requested.

In this Amendment, claims 1, 8 and 10-18 have been amended to more clearly define the claimed invention. Claim 9 has been cancelled without any prejudice and/or disclaimer. The foregoing Amendment is fully supported throughout the present application, especially in the drawings. No new matter has been introduced through the foregoing Amendment.

Response to Arguments and Claim rejections-35 USC 112

The Examiner in section 4 and section 6 at pages 2 and 4, respectively, of the official action, has mentioned that the Applicant's amendment to the specification to the paragraph bridging pages 6 and 7 constitutes new matter. Applicant respectfully submits that the previous amendment, to the specification at page 7, was based on Fig. 2 which depicts that the reference character "h" denotes the length of the shorting plate 220 and **not** the radiation patch 210. Therefore, it is believed that the previous Amendment to the specification does not constitute new matter and hence any rejection or objection based on the same is believed moot/improper.

Specification

The Examiner has objected to the disclosure by pointing out the informalities.

As to section 6, sub-point a, at page 3 of the official action, the objection to the specification is believed overcome at least based on the reasons set forth in the previous paragraph, lines 8-14, of this response.

As to section 6, sub-point b, at page 3 of the official action, Fig. 2 has been amended to depict "w_s" in place of "W". The replacement sheet is submitted herewith.

As to section 6, sub-points c and d, at page 3 of the official action, the 2nd paragraph at page 7 of the specification has been amended as depicted in page 2 of this response. Therefore, the objection is believed overcome.

Claim Objections

In view of claim 9 being cancelled through this Amendment, any rejection or objection of/to claim 9 are believed moot. Further, in view of claims 10, 13 and 14 being amended to change their dependency, objection to claims 10, 13 and 14 is believed overcome. Further, claim 8 has been amended to correct the typographical error pointed out by the Examiner and hence objection to claim 8 is believed overcome.

Rejection of claims under 35 U.S.C 102

The Examiner has rejected claims 1, 4, 6, 7, 16 under 35 U.S.C 102 (e) as being anticipated by Kenoun et al. (US 2004/0075611) (hereinafter “Kenoun”). Further, the Examiner has rejected claim 8 as being anticipated by Chen (2003/0038750) (hereinafter “Chen”).

Applicant respectfully submits that amended independent claim 1 is patentable over the applied art of record at least because amended claim 1 recites among other things “...said shorting plate being in direct physical connection with the first radiation patch along a first width...” This feature of Amended independent claim is supported throughout the original application, the Examiner-identified portion of the Kenoun reference, reference numeral 130, cannot read on the claimed shorting plate because the connection leg 130 is not in direct physical connection with the feed point 100 along its width. At least because of the foregoing reasons, allowance of amended claim 1 is respectfully requested.

Further, with respect to claim 8, amended claim 8 is patentable over the applied art of record at least because amended claim 8 recites “...a second radiation patch coupled to at least one of the edges of the first radiation patch and disposed between the first radiation patch and the ground plate...” The Chen reference simply fails to disclose the above-mentioned feature of amended claim 8. Therefore, withdrawal of the rejection of claim 8 is respectfully requested.

Further, the dependent claims, depending from either amended independent claim 1 or amended independent claim 8 are believed patentable over the applied art of record at least because of the reasons advanced above with respect to amended independent claims 1 and 8.

Conclusion:

Each of the Examiner's rejections has been traversed/overcome. Accordingly, Applicants respectfully submit that all claims are now in condition for allowance. Early and favorable indication of allowance is courteously solicited.

The Examiner is invited to telephone the undersigned, Applicant's attorney of record to facilitate advancement of the present application.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 07-1337 and please credit any excess fees to such deposit account.

Respectfully submitted,

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